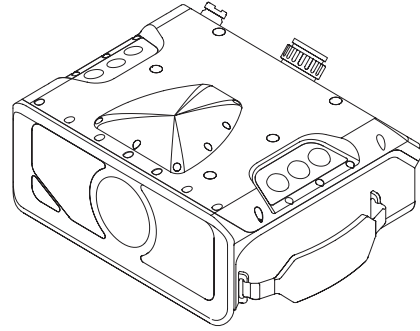


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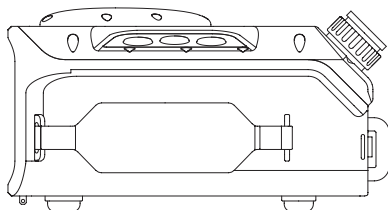
LASER TARGET DESIGNATOR



GENERAL FEATURES

The Advanced Surveillance and Laser Target Designation System is a compact and portable solution designed for precise target detection and designation in military operations. With 70mJ pulse energy, a 15ns pulse duration, and beam divergence below 0.4mrad, it enables high-precision target designation at long ranges. STANAG 3733 compliance and remote control capability ensure reliable use in accordance with NATO standards.

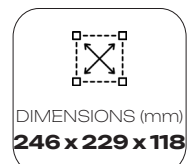
The system provides clear imaging under suitable environmental conditions through a cooled thermal camera and 10X direct viewing capability. A laser rangefinder with a measurement range of 200m–12km, a digital magnetic compass, and an optional SWIR module provide highly accurate target detection and orientation capabilities.



SPEC SUMMARY

Laser Parameters	70mJ, 15ns, <0.4mrad
Target Designation Range	8km ~ 10km
Optical Magnification	10X Direct View, 15X Thermal
Battery Type	2×3S Block Batteries
Communication Interface	RS422 / Ethernet / Wifi
SWIR Vision	Add-On Optional
North Finder	Add-On Optional

	Detection		9.5km
	Recognition		3.3km
	Detection		15km
	Recognition		7km



*These calculations have been performed according to the Johnson criteria. Actual performance may vary depending on atmospheric conditions, temperature, humidity, fog, precipitation and other environmental factors.
*A tolerance of ±10% applies to all parameters.